

PTO/SB/08a (08-03)  
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/810,020
		Filing Date	3/26/2004
		First Named Inventor	Lin
		Art Unit	1645
		Examiner Name	Swartz, Rodney P.
Sheet 1 of 41	Attorney Docket Number	04-11US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
RP		US-4,002,531	Issued 1/11/1977	Pierce Chemical Company	
		US-5,122,814	Issued 6/16/1992	Erzon, Inc.	
		US-5,284,839	Issued 2/08/1994	Perstorp, AB	
		US-5,349,052	Issued 9/20/1994	Royal Free Hospital School of Medicine	
		US-5,428,128	Issued 6/27/1995	Mensi-Fattohi, N. et al.	
		US-5,643,575	Issued 7/01/1997	Erzon, Inc.	
		US-5,880,131	Issued 3/09/1999	Erzon, Inc.	
		US-5,938,092	Issued 10/10/1999	The University of Southern California	
		US-6,093,692	Issued 7/25/2000	The University of Southern California	
		US-6,127,355	Issued 10/03/2000	Erzon, Inc.	
		US-6,225,445	Issued 5/01/2001	The University of Southern California	
		US-6,355,478	Issued 3/12/2002	Eli Lilly and Company	
		US-6,410,707	Issued 6/25/2002	BioNebraska, Inc.	
		US-6,420,532	Issued 7/16/2002	Synaptic Pharmaceutical Corporation	
		US-6,447,743	Issued 10/10/2002	Atofina	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
RP		PCT WO 93/19175 A1	9-30-1993	Novo Nordisk		
		PCT WO 95/06058 A1	3-02-1995	Royal Free Hospital School of Medicine		
		PCT WO 98/32466 A1	7-30-1998	Polymasc Pharmaceuticals PLC		
		PCT WO 98/22783	8-01-1996	North Carolina State University		
		PCT WO 99/43707 A1	9-02-1999	Novo Nordisk		
		PCT WO 00/34238 A1	6-15-2000	University of Southern California		
		PCT WO 00/42028 A1	7-20-2000	Novo Nordisk		
		PCT WO 00/68197	11-16-2000	Ortho-McNeil Pharmaceutical, Inc.		
		PCT WO 00/59887 A1	10-12-2000	Neurogen Corporation		

Examiner Signature	<i>R P Swartz</i>	Date Considered	1-3-06
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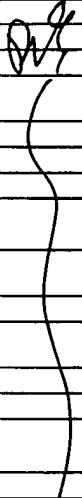
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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		US-4,160,452	07-1979	Theeuwes	
		US-4,183,960	01-1980	Asher et al.	
		US-4,193,985	03-1980	Bechgaard et al.	
		US-4,256,108	03-1981	Theeuwes	
		US-4,285,874	05-1981	Bonsen et al.	
		US-4,530,838	07-1985	Evans et al.	
		US-4,572,833	02-1988	Pedersen et al.	
		US-4,673,680	07/1987	Pendleton	
		US-4,690,822	09-1987	Uemura et al.	
		US-4,863,744	09-1989	Urquhart et al.	
		US-4,870,207	11-1990	Sato et al.	
		US-4,987,136	01-1991	Kreek et al.	
		US-4,990,617	02-1991	Boswell et al.	
		US-5,041,431	08-1991	Halskov	
		US-5,120,306	06-1992	Gosselin	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		PCT WO 00/78333 A2	12-28-2000	Eli Lilly and Company		
		PCT WO 01/04156 A1	1-18-2001	Zealand Pharmaceuticals A/S		
		PCT WO 01/14388 A1	3-01-2001	Viropharma Incorporated		
		PCT WO 01/14386 A1	3-01-2001	Banyu Pharmaceutical Co., Ltd.		
		PCT WO 01/35988 A1	5-25-2001	Novo Nordisk A/S		
		PCT WO 01/51078 A1	7-19-2001	Amylin Pharmaceuticals, Inc.		
		PCT WO 01/66135 A1	9-13-2001	Novo Nordisk A/S		
		PCT WO 01/76631 A2	10-18-2001	Cedars-Sinai Medical Center		
		PCT WO 01/89554 A2	11-29-2001	BioNebraska, Inc.		

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			First Named Inventor	Lin	
			Art Unit	1645	
			Examiner Name	Swartz, Rodney P.	
Sheet	3	of	41	Attorney Docket Number	04-11US

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RPS		US-5,219,871	06-1993	Cross et al.	
		US-5,225,352	07-1993	Zanetta et al.	
		US-5,236,801	08-1993	Burks et al.	
		US-5,322,697	06-1994	Meyer	
		US-5,354,757	10-1994	Flynn et al.	
		US-5,362,756	11-1994	Riviere et al.	
		US-5,380,522	01-1995	Day	
		US-5,411,751	05-1995	Crissinger et al.	
		US-5,426,028	06-1995	Levy et al.	
		US-5,434,174	07-1995	Gidda et al.	
		US-5,443,826	08-1995	Borody	
		US-5,453,428	09-1995	Kaminski	
		US-5,519,014	05-1996	Borody	
		US-5,538,856	07-1996	Levy et al.	
		US-5,547,961	08-1996	Ohta et al.	

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RPS		PCT WO 02/03978 A2	1-17-2002	Metabasis Therapeutics, Inc.; Sankyo Company Limited		
		PCT WO 02/066479 A1	8-29-2002	Banyu Pharmaceutical Co., Inc.		
		PCT WO 02/067918 A1	9-06-2002	Banyu Pharmaceutical Co., Inc.		
		EP 0 401 384 A1	12-12-1990	Kirin-Amgen, Inc.		
		EP 0 955 314 A2	11-10-1999	Adir et Compagnie		
		JP 60007934	1985			
		EP 0 200 902 A3	11-1986			
		EP 0 349 949	07-1989			

Examiner Signature	R P Swartz	Date Considered	1-3-06
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BLS		US-5,550,132	08-1996	Benson et al.	
		US-5,589,168	12-1996	Allen et al.	
		US-5,599,795	02-1997	McCann et al.	
		US-5,612,366	03-1997	Becker et al.	
		US-5,627,200	05-1997	Kreutter et al.	
		US-5,645,997	07-1997	Kline et al.	
		US-5,648,355	07-1997	Theoharides	
		US-5,648,359	07-1997	Ohashi et al.	
		US-5,660,828	08-1997	Rodriguez et al.	
		US-5,688,143	09-1997	Ku et al.	
		US-5,677,326	10-1997	Tsuchiya et al.	
		US-5,679,684	10-1997	Benson et al.	
		US-5,684,017	11-1997	Harrison et al.	
		US-5,691,343	11-1997	Sandborn et al.	
		US-5,703,100	12-1997	McDonald et al.	

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Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76
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BLS		EP 0 539 319 A2	04-1993			
		WO 94/03380	03-1994			
		WO 96/18374	11-1996			
		WO 98/46997	10-1998			
		WO 98/56397	12-1998			
		FR 2 769 915	04-1999			
		WO 85/02840	07-1999			

Examiner Signature	BLSwartz	Date Considered	1-3-06
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		US-5,707,842	01-1998	Yue	
		US-5,726,187	03-1998	Gaster et al.	
		US-5,728,380	03-1998	Allen et al.	
		US-5,736,560	04-1998	Cosford et al.	
		US-5,753,218	05-1998	Smith et al.	
		US-5,753,253	05-1998	Meyer	
		US-5,759,546	08-1998	Weinberg et al.	
		US-5,776,524	07-1998	Reinhart	
		US-5,780,026	07-1998	Yoshii et al.	
		US-5,821,259	10-1998	Theoharides	
		US-5,830,668	11-1998	Mordechai et al.	
		US-5,833,987	11-1998	Noelle et al.	
		US-5,834,215	11-1998	Garry et al.	
		US-5,846,933	12-1998	Komgold et al.	
		US-5,849,708	12-1998	Maratos-Flier	

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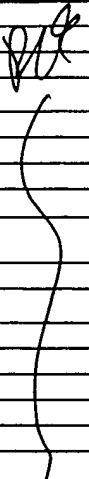
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		US-5,883,529	01-1999	Rodriguez	
		US-5,869,262	02-1999	Gallatin et al.	
		US-5,916,869	06-1999	Croom, Jr. et al.	
		US-5,968,741	10-1999	Plevy et al.	
		US-6,013,622	01-2000	Bruno et al.	
		US-6,040,188	03-2000	Holman	
		US-RE37020	01-2001	Lin et al.	
		US-6,264,913	07-2001	Wagner	
		US-20020018809	02-2002	Stoll	
		US-20020068097	06-2002	Basu	
		US-20030050308	03-2003	Brunner et al.	
		US-6,562,629	05-2003	Lin et al.	
		US-20030124566	07-2003	Kong et al.	
	US-20030152919	08-2003	Roelens et al.		
	US-20030185754	10-2003	Cohen et al.		
	US-20030215421	11-2003	McDonald et al.		

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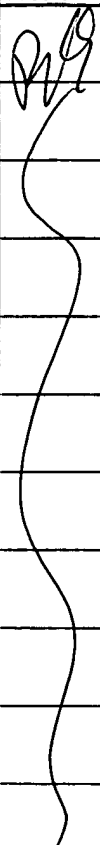
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		First Named Inventor	Lin		
		Art Unit	1645		
		Examiner Name	Swartz, Rodney P.		
Sheet	7	of	41	Attorney Docket Number	04-11US

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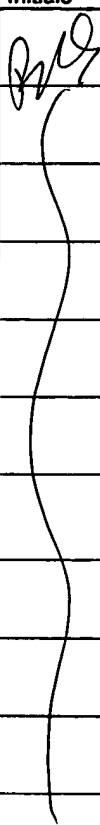
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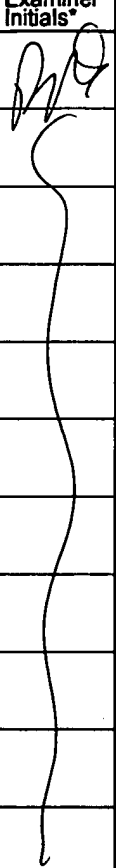
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			<b>First Named Inventor</b>	Lin
			<b>Art Unit</b>	1645
			<b>Examiner Name</b>	Swartz, Rodney P.
(Use as many sheets as necessary)			<b>Attorney Docket Number</b>	04-11US
<b>Sheet</b>	12	of	41	

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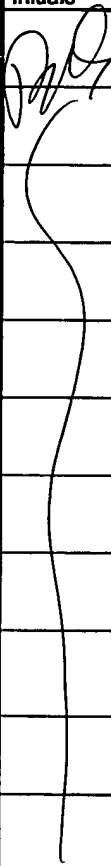
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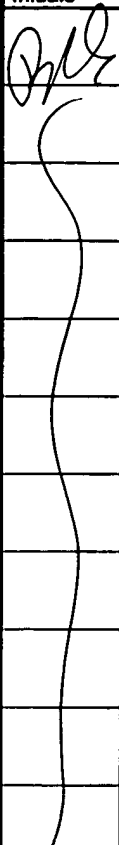
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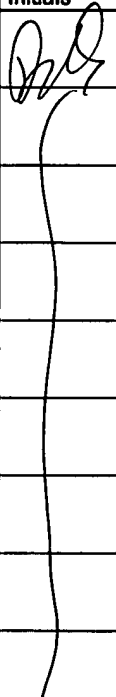
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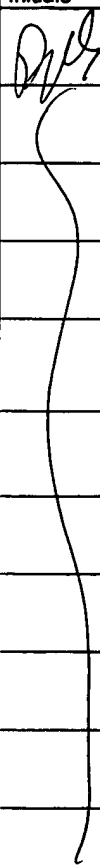
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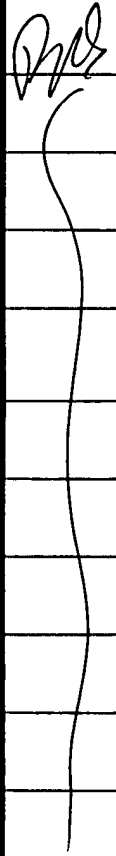
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		First Named Inventor	Lin
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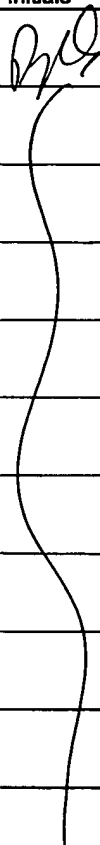
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			First Named Inventor	Lin	
			Art Unit	1645	
			Examiner Name	Swartz, Rodney P.	
Sheet	22	of	41	Attorney Docket Number	04-11US

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[Signature]		KELLOW, J. E.; ECKERSLEY, C. M.; and JONES, M. P.; "Enhanced Perception of Physiological Intestinal Motility in the Irritable Bowel Syndrome;" <i>Gastroenterology</i> ; December 1991; 101 (6); 1621-1627; Abstract Only	
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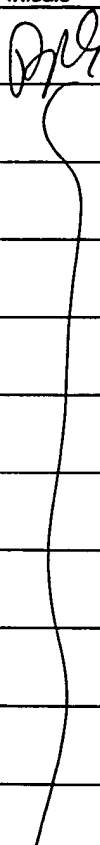
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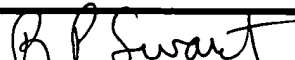
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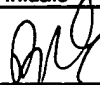
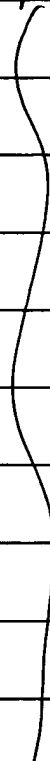
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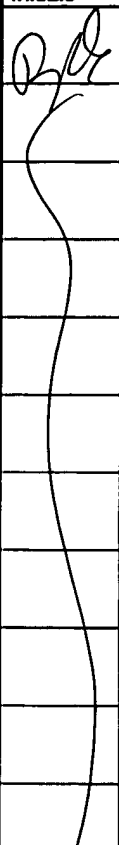
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			Examiner Name	Swartz, Rodney P.	
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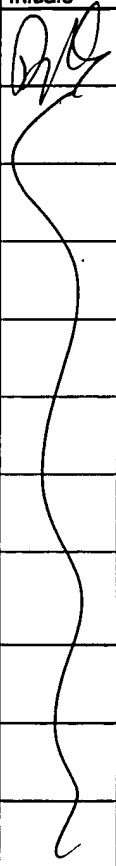
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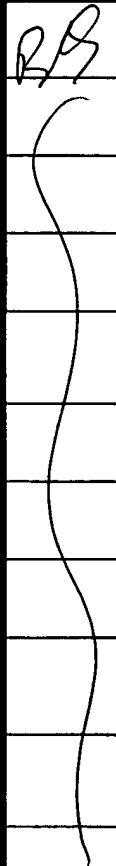
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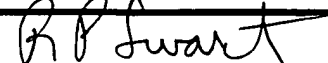
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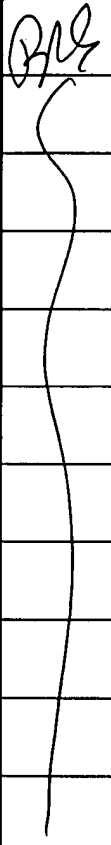
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		Filing Date	3/26/2004
		First Named Inventor	Lin
		Art Unit	1645
		Examiner Name	Swartz, Rodney P.
Sheet 31 of 41	Attorney Docket Number	04-11US	

NON PATENT LITERATURE DOCUMENTS			
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R.P. Swartz		PIMENTEL, M.; WALLACE, D.; HALLEGUA, D.; CHOW, E.; KONG, Y.; PARK, S.; and LIN, H. C.; "A Link Between Irritable Bowel Syndrome and Fibromyalgia May Be Related to Findings on Lactulose Breath Testing;" <i>Ann. Rheum. Dis.</i> ; April 2004; 63 (4); 450-452	
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		POOLE, S.; LORENZETTI, B. B.; CUNHA, J. M.; CUNHA, F. Q.; and FERREIRA, S. H.; "Bradykinin B1 and B2 Receptors, Tumour Necrosis Factor Alpha and Inflammatory Hyperalgesia;" <i>Br. J Pharmacol.</i> ; February 1999; 126 (3); 649-656; Abstract Only	
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BK		SAHU, A.; "Evidence Suggesting That Galanin (GAL), Melanin-Concentrating Hormone (MCH), Neurotensin (NT), Proopiomelanocortin (POMC) and Neuropeptide Y (NPY) Are Targets of Leptin Signaling in the Hypothalamus;" <i>Endocrinology</i> ; February 1998; 139 (2); 795-798; Abstract Only	
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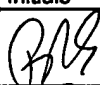
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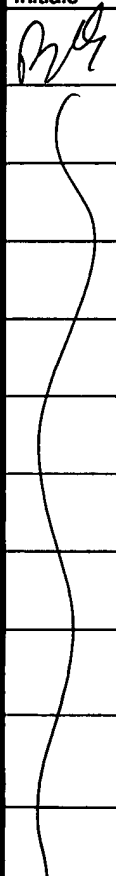
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			First Named Inventor	Lin	
			Art Unit	1645	
			Examiner Name	Swartz, Rodney P.	
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		<b>Examiner Name</b>	Swartz, Rodney P.
(Use as many sheets as necessary)		<b>Attorney Docket Number</b>	04-11US
<b>Sheet</b>	38	<b>of</b>	41

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Examiner Signature	<i>R P Swartz</i>	Date Considered	1-3-06
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			Application Number	10/810,020	
			Filing Date	3/26/2004	
			First Named Inventor	Lin	
			Art Unit	1645	
			Examiner Name	Swartz, Rodney P.	
Sheet	41	of	41	Attorney Docket Number	04-11US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BPE		PIMENTEL, M. et al; "Eradication of Small Intestinal Bacterial Decreases Symptoms in Fibromyalgia: A Double Blind Randomized Study," <i>Arthritis &amp; Rheumatism</i> ; November 13-14 1999; 42 (9 Suppl.); S343; Abstract 1632	
		PIMENTEL, M. et al; "Eradication of Small Intestinal Bacterial Overgrowth Decreases Symptoms in Chronic Fatigue Syndrome: A Double Blind, Randomized Study," <i>Gastroenterology</i> , April 2000; 118 (4 Supl.2 Part 1); AGA pg A414; <i>Arthritis &amp; Rheumatism</i> ; 1999; 42 (9 Suppl.); S343	
		PIMENTEL, M. et al; <i>The American Journal of Gastroenterology</i> ; 2000; 95 (12); 3503-3506	
		PIMENTEL, M. "Small Intestinal Bacterial Overgrowth: A Possible Association with Fibromyalgia," <i>Journal of Musculoskeletal Pain</i> ; 9(3)	
		TATEMOTO, K. and MUTT, V.; "Isolation of Two Novel Candidate Hormones Using a Chemical Method for Finding Naturally Occurring Polypeptides 1," <i>Nature</i> ; June 1980; 285 (5764); 417-418	

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